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Applicant

Yung-Ming Chen et al.

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Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
<i>JA</i>	A1	4,329,383	5/11/82	Joh	428	36	
	A2	4,733,665	3/29/88	Palmaz	128	343	
	A3	4,800,882	1/31/89	Gianturco	128	343	
	A4	4,882,168	11/21/89	Casey et al.	424	468	
	A5	4,886,062	12/12/89	Wiktor	128	343	
	A6	4,941,870	7/17/90	Okada et al.	600	36	
	A7	4,977,901	12/18/90	Ofstead	128	772	
	A8	5,112,457	5/12/92	Marchant	204	165	
	A9	5,165,919	11/24/92	Sasaki et al.	424	488	
	A10	5,272,012	12/21/93	Opolski	428	423.1	
	A11	5,292,516	3/8/94	Viegas et al.	424	423	
	A12	5,298,260	3/29/94	Viegas et al.	424	486	
	A13	5,300,295	4/5/94	Viegas et al.	424	427	
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	A15	5,328,471	7/12/94	Slepian	604	101	
	A16	5,330,768	7/19/94	Park et al.	424	501	
	A17	5,380,299	1/10/95	Fearnot et al.	604	265	
	A18	5,417,981	5/23/95	Endo et al.	424	486	
	A19	5,447,724	9/5/95	Helmus et al.	424	426	
	A20	5,455,040	10/3/95	Marchant	424	426	
	A21	5,462,990	10/31/95	Hubbell et al.	525	54.1	
	A22	5,464,650	11/7/95	Berg et al.	427	2.30	
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							Yes	No
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	B10	EP 0 850 651	7/1/98	European				
	B11	EP 0 879 595	11/25/98	European				
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	B13	EP 0 923 953	6/23/99	European				
	B14	EP 0 953 320	11/3/99	European				
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✓	C58	Zhmud et al., <i>Dynamics of Capillary Rise</i> , <i>Journal of Colloid and Interface Science</i> , Vol. 228, pp. 263-269 (2000).
EXAMINER <i>JS</i>		DATE CONSIDERED 6/07
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

~~✱~~ All U.S. Applications acknowledged.

FORM PTO-1449 (Modified)		US DEPARTMENT OF COMMERCE		Docket No. 50623.328		Application No. 10/747,996	
US Patent and Trademark Office				Applicant Chen et al.			
INFORMATION DISCLOSURE CITATION in an Application (Use several sheets if necessary)				Filing Date December 29, 2003		Group Art Unit 3738	
U.S. PATENT DOCUMENTS							
Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date if Appropriate
✓	A1	2,072,303	3/2/37	Herrmann et al.			
	A2	2,386,454	10/9/45	Frosch et al.			
	A3	2,647,017	7/28/53	Coulliette			
	A4	2,701,559	2/8/55	Cooper			
	A5	3,288,728	11/19/66	Gorham			
	A6	3,687,135	8/29/72	Stroganov et al.			
	A7	3,773,737	11/20/73	Goodman et al.			
	A8	3,839,743	10/8/74	Schwarcz			
	A9	3,849,514	11/19/74	Gray, Jr. et al.			
	A10	3,900,632	8/19/75	Robinson			
	A11	4,075,045	2/21/78	Rideout			
	A12	4,104,410	8/1/78	Malecki			
	A13	4,110,497	8/29/78	Hoel			
	A14	4,132,357	1/2/79	Blackinton			
	A15	4,164,524	8/14/79	Ward et al.			
	A16	4,226,243	10/7/80	Shalaby et al.			
	A17	4,321,711	3/30/82	Mano			
	A18	4,323,071	4/6/82	Simpson et al.			
	A19	4,338,942	7/13/82	Fogarty			
	A20	4,343,931	8/10/82	Barrows			
	A21	4,346,028	8/24/82	Griffith			
	A22	4,439,185	3/27/84	Lundquist			
	A23	4,489,670	12/25/84	Mosser et al.			
	A24	4,516,972	5/14/85	Samson et al.			
✓	A25	4,529,792	7/16/85	Barrows	✓	✓	

14	A26	4,538,622	9/3/85	Samson et al.				
	A27	4,554,929	11/26/85	Samson et al.				
	A28	4,573,470	3/4/86	Fogarty				
	A29	4,596,574	6/24/86	Urist				
	A30	4,599,085	7/8/86	Riess et al.				
	A31	4,608,984	9/2/86	Powell				
	A32	4,611,051	9/9/86	Hayes et al.				
	A33	4,612,009	9/16/86	Drobnik et al.				
	A34	4,616,593	10/14/86	Kawamura et al.				
	A35	4,616,652	10/14/86	Brooks et al.				
	A36	4,629,563	12/16/86	Wrasidlo				
	A37	4,633,873	1/6/87	Dumican et al.				
	A38	4,638,805	1/27/87	Simpson				
	A39	4,656,083	4/7/87	Hoffman et al.				
	A40	4,656,242	4/7/87	Swan et al.				
	A41	4,699,611	10/13/87	Bowden				
	A42	4,702,252	10/27/87	Palmaz				
	A43	4,718,907	1/12/88	Karwoski et al.				
	A44	4,722,335	2/2/88	Vilasi				
	A45	4,723,549	2/9/88	Wholey et al.				
	A46	4,732,152	3/22/88	Wallstén et al.				
	A47	4,733,665 C2	1/29/02	Palmaz (Reexamination Certificate)				
	A48	4,739,762	4/26/88	Palmaz				
	A49	4,740,207	4/26/88	Kreamer				
	A50	4,743,252	5/10/88	Martin, Jr. et al.				
	A51	4,748,982	6/7/88	Horzewski et al.				
	A52	4,768,507	9/6/88	Fischell et al.				
	A53	4,774,039	9/27/88	Wrasidlo				
	A54	4,776,337	10/11/88	Palmaz				
	A55	4,776,337 B1	12/5/00	Palmaz (Reexamination Certificate)				
✓	A56	4,816,339	3/28/89	Tu et al.	✓	✓	✓	✓

✓	A57	4,818,559	4/4/89	Hama et al.				
	A58	4,828,561	5/9/89	Woodroof				
	A59	4,850,999	7/25/89	Planck				
	A60	4,865,870	9/12/89	Hu et al.				
	A61	4,871,542	10/3/89	Vilhardt				
	A62	4,877,030	10/31/89	Beck et al.				
	A63	4,878,906	11/7/89	Lindemann et al.				
	A64	4,879,135	11/7/89	Greco et al.				
	A65	4,880,683	11/14/89	Stow				
	A66	4,902,289	2/20/90	Yannas				
	A67	4,906,423	3/6/90	Frisch				
	A68	4,931,287	6/5/90	Bae et al.				
	A69	4,932,353	6/12/90	Kawata et al.				
	A70	4,943,346	7/24/90	Mattelin				
	A71	4,950,227	8/21/90	Savin et al.				
	A72	4,955,899	9/11/90	Della Corna et al.				
	A73	4,967,606	11/6/90	Wells et al.				
	A74	4,988,356	1/29/91	Crittenden et al.				
	A75	4,994,033	2/19/91	Shockey et al.				
	A76	4,994,298	2/19/91	Yasuda				
	A77	4,994,560	2/19/91	Kruper, Jr. et al.				
	A78	5,015,505	5/14/91	Cetnar				
	A79	5,019,090	5/28/91	Pinchuk				
	A80	5,019,096	5/28/91	Fox, Jr. et al.				
	A81	5,028,597	7/2/91	Kodama et al.				
	A82	5,037,392	8/6/91	Hillstead				
	A83	5,037,427	8/6/91	Harada et al.				
	A84	5,040,548	8/20/91	Yock				
	A85	5,047,050	9/10/91	Arpesani				
	A86	5,049,132	9/17/91	Shaffer et al.				
	A87	5,053,048	10/1/91	Pinchuk				
✓	A88	5,059,166	10/22/91	Fischell	✓	✓	✓	

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82	A89	5,059,169	10/22/91	Zilber					
	A90	5,059,211	10/22/91	Stack et al.					
	A91	5,062,829	11/5/91	Pryor et al.					
	A92	5,064,435	11/12/91	Porter					
	A93	5,078,720	1/7/92	Burton et al.					
	A94	5,081,394	1/14/92	Morishita et al.					
	A95	5,084,065	1/28/92	Weldon et al.					
	A96	5,085,629	2/4/92	Goldberg et al.					
	A97	5,087,244	2/11/92	Wolinsky et al.					
	A98	5,087,394	2/11/92	Keith					
	A99	5,100,429	3/31/92	Sinofsky et al.					
	A100	5,100,992	3/31/92	Cohn et al.					
	A101	5,102,402	4/7/92	Dror et al.					
	A102	5,104,410	4/14/92	Chowdhary					
	A103	5,108,416	4/28/92	Ryan et al.					
	A104	5,108,417	4/28/92	Sawyer					
	A105	5,108,755	4/28/92	Daniels et al.					
	A106	5,116,318	5/26/92	Hillstead					
	A107	5,116,365	5/26/92	Hillstead					
	A108	5,123,917	6/23/92	Lee					
	A109	5,127,362	7/7/92	Iwatsu et al.					
	A110	5,133,742	7/28/92	Pinchuk					
	A111	5,134,192	7/28/92	Feijen et al.					
	A112	5,147,370	9/15/02	McNamara et al.					
	A113	5,156,623	10/20/92	Hakamatsuka et al.					
	A114	5,156,911	10/20/92	Stewart					
	A115	5,158,548	10/27/92	Lau et al.					
	A116	5,163,951	11/17/92	Pinchuk et al.					
	A117	5,163,952	11/17/92	Froix					
	A118	5,163,958	11/17/92	Pinchuk					
	A119	5,167,614	12/1/92	Tessmann et al.					
✓	A120	5,171,445	12/15/92	Zepf	✓	✓	✓	✓	✓

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✓	A121	5,176,638	1/5/93	Don Michael				
	A122	5,188,734	12/23/93	Zepf				
	A123	5,192,311	3/9/93	King et al.				
	A124	5,197,977	3/30/93	Hoffman, Jr. et al.				
	A125	5,205,822	4/27/93	Johnson et al.				
	A126	5,213,561	5/25/93	Weinstein et al.				
	A127	5,213,576	5/25/93	Abiuso et al.				
	A128	5,219,980	6/15/93	Swidler				
	A129	5,222,971	6/29/93	Willard et al.				
	A130	5,225,750	7/6/93	Higuchi et al.				
	A131	5,226,889	7/13/93	Sheiban				
	A132	5,226,913	7/13/93	Pinchuk				
	A133	5,229,045	7/20/93	Soldani				
	A134	5,229,172	7/20/93	Cahalan et al.				
	A135	5,232,444	8/3/93	Just et al.				
	A136	5,234,456	8/10/93	Silvestrini				
	A137	5,234,457	8/10/93	Andersen				
	A138	5,236,447	8/17/93	Kubo et al.				
	A139	5,242,399	9/7/93	Lau et al.				
	A140	5,254,089	10/19/93	Wang				
	A141	5,254,091	10/19/93	Aliahmad et al.				
	A142	5,258,020	11/2/93	Froix				
	A143	5,258,419	11/2/93	Rolando et al.				
	A144	5,269,802	12/14/93	Garber				
	A145	5,278,200	1/11/94	Coury et al.				
	A146	5,279,594	1/18/94	Jackson				
	A147	5,282,823	2/1/94	Schwartz et al.				
	A148	5,282,860	2/1/94	Matsuno et al.				
	A149	5,286,254	2/15/94	Shapland et al.				
	A150	5,289,831	3/1/94	Bosley				
	A151	5,290,271	3/1/94	Jernberg				
	A152	5,304,200	4/19/94	Spaulding				
✓	A153	5,306,250	4/26/94	March et al.	✓	✓	✓	

✓	A154	5,306,286	4/26/94	Stack et al.					
	A155	5,306,294	4/26/94	Winston et al.					
	A156	5,306,786	4/26/94	Moens et al.					
	A157	5,308,641	5/3/94	Cahalan et al.					
	A158	5,314,472	5/24/94	Fontaine					
	A159	5,318,531	6/7/94	Leone					
	A160	5,330,500	7/19/94	Song					
	A161	5,336,518	8/9/94	Narayanan et al.					
	A162	5,342,283	8/30/94	Good					
	A163	5,342,348	8/30/94	Kaplan					
	A164	5,342,395	8/30/94	Jarrett et al.					
	A165	5,342,621	8/30/94	Eury					
	A166	5,344,426	9/6/94	Lau et al.					
	A167	5,344,455	9/6/94	Keogh et al.					
	A168	5,350,800	9/27/94	Verhoeven et al.					
	A169	5,356,433	10/18/94	Rowland et al.					
	A170	5,360,401	11/1/94	Turnland et al.					
	A171	5,360,443	11/1/94	Barone et al.					
	A172	5,364,354	11/15/94	Walker et al.					
	A173	5,366,504	11/22/94	Andersen et al.					
	A174	5,368,560	11/29/94	Rambo et al.					
	A175	5,370,684	12/6/94	Vallana et al.					
	A176	5,383,925	1/24/95	Schmitt					
	A177	5,383,927	1/17/95	DeGoicoechea et al.					
	A178	5,385,580	1/31/95	Schmitt					
	A179	5,387,450	2/7/95	Stewart					
	A180	5,389,106	2/14/95	Tower					
	A181	5,399,666	3/21/95	Ford					
	A182	5,405,472	4/11/95	Leone					
	A183	5,409,495	4/25/95	Osborn					
	A184	5,411,466	5/2/95	Hess					
✓	A185	5,411,477	5/2/95	Saab	✓	✓	✓	✓	✓

57	A186	5,412,035	5/2/95	Schmitt et al.					
	A187	5,415,938	5/16/95	Cahalan et al.					
	A188	5,423,849	6/13/95	Engelson et al.					
	A189	5,423,885	6/13/95	Williams					
	A190	5,429,618	7/4/95	Keogh					
	A191	5,441,515	8/15/95	Khosravi et al.					
	A192	5,443,458	8/22/95	Eury et al.					
	A193	5,443,496	8/22/95	Schwartz et al.					
	A194	5,443,500	8/22/95	Sigwart					
	A195	5,445,646	8/29/95	Euteneuer et al.					
	A196	5,451,233	9/19/95	Yock					
	A197	5,456,661	10/10/95	Narcisco. Jr.					
	A198	5,456,713	10/10/95	Chuter					
	A199	5,458,615	10/17/95	Klemm et al.					
	A200	5,460,610	10/24/95	Don Michael					
	A201	5,464,450	11/7/95	Buscemi et al.					
	A202	5,470,313	11/28/95	Crocker et al.					
	A203	5,470,603	11/28/95	Staniforth et al.					
	A204	5,476,476	12/19/95	Hillstead					
	A205	5,476,509	12/19/95	Keogh et al.					
	A206	5,485,496	1/16/96	Lee et al.					
	A207	5,496,346	3/5/96	Horzewski et al.					
	A208	5,500,013	3/19/96	Buscemi et al.					
	A209	5,501,227	3/26/96	Yock					
	A210	5,502,158	3/26/96	Sinclair et al.					
	A211	5,507,768	4/16/96	Lau et al.					
	A212	5,511,726	4/30/96	Greenspan et al.					
	A213	5,514,154	5/7/96	Lau et al.					
	A214	5,514,379	5/7/96	Weissleder et al.					
	A215	5,516,560	5/14/96	Harayama et al.					
	A216	5,516,881	5/14/96	Lee et al.					
✓	A217	5,527,337	6/18/96	Stack et al.	✓	✓	✓	✓	✓



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<i>JK</i>	A218	5,537,729	7/23/96	Kolobow					
	A219	5,538,493	7/23/96	Gerken et al.					
	A220	5,545,209	8/13/96	Roberts et al.					
	A221	5,545,408	8/13/96	Trigg et al.					
	A222	5,551,954	9/3/96	Buscemi et al.					
	A223	5,554,120	9/10/96	Chen et al.					
	A224	5,554,182	9/10/96	Dinh et al.					
	A225	5,556,413	9/17/96	Lam					
	A226	5,558,642	9/24/96	Schweich, Jr. et al.					
	A227	5,562,728	10/8/96	Lazarus et al.					
	A228	5,571,135	11/5/96	Fraser et al.					
	A229	5,571,166	11/5/96	Dinh et al.					
	A230	5,571,567	11/5/96	Shah					
	A231	5,578,046	11/26/96	Liu et al.					
	A232	5,584,877	12/17/96	Miyake et al.					
	A233	5,588,962	12/31/96	Nicholas et al.					
	A234	5,591,199	1/7/97	Porter et al.					
	A235	5,591,224	1/7/97	Schwartz et al.					
	A236	5,591,227	1/7/97	Dinh et al.					
	A237	5,591,607	1/7/97	Gryaznov et al.					
	A238	5,593,403	1/14/97	Buscemi					
	A239	5,593,434	1/14/97	Williams					
	A240	5,595,722	1/21/97	Grainger et al.					
	A241	5,599,301	2/4/97	Jacobs et al.					
	A242	5,599,307	2/4/97	Bacher et al.					
	A243	5,599,352	2/4/97	Dinh et al.					
	A244	5,599,922	2/4/97	Gryaznov et al.					
	A245	5,607,442	3/4/97	Fischell et al.					
	A246	5,607,467	3/4/97	Froix					
	A247	5,610,241	3/11/97	Lee et al.					
	A248	5,611,775	3/18/97	Machold et al.					
<i>✓</i>	A249	5,616,338	4/1/97	Fox, Jr. et al.	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>

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✓	A250	5,618,298	4/8/97	Simon				
	A251	5,618,299	4/8/97	Khosravi et al.				
	A252	5,620,420	4/15/97	Kriesel				
	A253	5,628,755	5/13/97	Heller et al.				
	A254	5,628,781	5/13/97	Williams et al.				
	A255	5,628,785	5/13/97	Schwartz et al.				
	A256	5,628,786	5/13/97	Banas et al.				
	A257	5,629,077	5/13/97	Turnlund et al.				
	A258	5,631,135	5/20/97	Gryaznov et al.				
	A259	5,632,771	5/27/97	Boatman et al.				
	A260	5,632,840	5/27/97	Campbell				
	A261	5,637,113	6/10/97	Tartaglia et al.				
	A262	5,644,020	7/1/97	Timmermann et al.				
	A263	5,645,559	7/8/97	Hachtman et al.				
	A264	5,649,951	7/22/97	Davidson				
	A265	5,653,691	8/5/97	Rupp et al.				
	A266	5,656,080	8/12/97	Staniforth et al.				
	A267	5,656,082	8/12/97	Takatsuki et al.				
	A268	5,667,523	9/16/97	Bynon et al.				
	A269	5,667,796	9/16/97	Otten				
	A270	5,674,242	10/7/97	Phan et al.				
	A271	5,693,085	12/2/97	Buirge et al.				
	A272	5,693,376	12/2/97	Fetherston et al.				
	A273	5,695,498	12/9/97	Tower				
	A274	5,695,810	12/9/97	Dubin et al.				
	A275	5,697,967	12/16/97	Dinh et al.				
	A276	5,702,818	12/30/97	Cahalan et al.				
	A277	5,707,385	1/13/98	Williams				
	A278	5,711,763	1/27/98	Nonami et al.				
	A279	5,711,812	1/27/98	Chapek et al.				
	A280	5,711,958	1/27/98	Cohn et al.				
✓	A281	5,713,949	2/3/98	Jayaraman	✓	✓	✓	✓

82	A282	5,718,726	2/17/98	Amon et al.				
	A283	5,720,726	2/24/98	Marcadis et al.				
	A284	5,721,131	2/24/98	Rudolph et al.				
	A285	5,722,984	3/3/98	Fischell et al.				
	A286	5,723,219	3/3/98	Kolluri et al.				
	A287	5,725,549	3/10/98	Lam				
	A288	5,726,297	3/10/98	Gryaznov et al.				
	A289	5,728,068	3/17/98	Leone et al.				
	A290	5,728,751	3/17/98	Patnaik				
	A291	5,730,698	3/24/98	Fischell et al.				
	A292	5,733,326	3/31/98	Tomonto et al.				
	A293	5,733,327	3/31/98	Igaki et al.				
	A294	5,733,330	3/31/98	Cox				
	A295	5,733,564	3/31/98	Lehtinen				
	A296	5,733,925	3/31/98	Kunz et al.				
	A297	5,741,554	4/21/98	Tisone				
	A298	5,741,881	4/21/98	Patnaik				
	A299	5,746,745	5/5/98	Abele et al.				
	A300	5,756,457	5/26/98	Wang et al.				
	A301	5,756,476	5/26/98	Epstein et al.				
	A302	5,759,205	6/2/98	Valentini				
	A303	5,759,474	6/2/98	Rupp et al.				
	A304	5,765,682	6/16/98	Bley et al.				
	A305	5,766,204	6/16/98	Porter et al.				
	A306	5,766,239	6/16/98	Cox				
	A307	5,766,710	6/16/98	Turnlund et al.				
	A308	5,769,883	6/23/98	Buscemi et al.				
	A309	5,769,884	6/23/98	Solovay				
	A310	5,770,609	6/23/98	Grainger et al.				
	A311	5,772,864	6/30/98	Møller et al.				
	A312	5,780,807	7/14/98	Saunders				
✓	A313	5,782,742	7/21/98	Crocker et al.	✓	✓	✓	

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114	A314	5,783,657	7/21/98	Pavlin et al.					
	A315	5,788,626	8/4/98	Thompson					
	A316	5,800,516	9/1/98	Fine et al.					
	A317	5,804,318	9/8/98	Pinchuk et al.					
	A318	5,807,244	9/15/98	Barot					
	A319	5,810,871	9/22/98	Tuckey et al.					
	A320	5,810,873	9/22/98	Morales					
	A321	5,811,151	9/22/98	Hendriks et al.					
	A322	5,811,447	9/22/98	Kunz et al.					
	A323	5,823,996	10/20/98	Sparks					
	A324	5,824,056	10/20/98	Rosenberg					
	A325	5,826,586	10/27/98	Mishra et al.					
	A326	5,830,179	11/3/98	Mikus et al.					
	A327	5,830,217	11/3/98	Ryan					
	A328	5,830,461	11/3/98	Billiar					
	A329	5,830,879	11/3/98	Isner					
	A330	5,833,644	11/10/98	Zadno-Azizi et al.					
	A331	5,833,651	11/10/98	Donovan et al.					
	A332	5,833,659	11/10/98	Kranys					
	A333	5,834,582	11/10/98	Sinclair et al.					
	A334	5,836,962	11/17/98	Gianotti					
	A335	5,836,965	11/17/98	Jendersee et al.					
	A336	5,837,835	11/17/98	Gryaznov et al.					
	A337	5,840,009	11/24/98	Fischell et al.					
	A338	5,840,083	11/24/98	Braach-Maksvytis					
	A339	5,843,033	12/1/98	Ropiak					
	A340	5,843,119	12/1/98	Schulewitz					
	A341	5,843,172	12/1/98	Yan					
	A342	5,846,247	12/8/98	Unsworth et al.					
	A343	5,849,859	12/15/98	Acemoglu					
	A344	5,853,408	12/29/98	Muni					
✓	A345	5,854,207	12/29/98	Lee et al.	✓	✓	✓	✓	✓

	A346	5,854,376	12/29/98	Higashi					
	A347	5,855,598	1/5/99	Pinchuk					
	A348	5,855,612	1/5/99	Ohthuki et al.					
	A349	5,855,618	1/5/99	Patnaik et al.					
	A350	5,857,998	1/12/99	Barry					
	A351	5,858,556	1/12/99	Eckhart et al.					
	A352	5,858,990	1/12/99	Walsh					
	A353	5,860,954	1/99	Ropiak					
	A354	5,866,113	2/2/99	Hendriks et al.					
	A355	5,868,781	2/9/99	Killion					
	A356	5,871,436	2/16/99	Eury					
	A357	5,871,437	2/16/99	Alt					
	A358	5,874,101	2/23/99	Zhong et al.					
	A359	5,874,109	2/23/99	Ducheyne et al.					
	A360	5,874,165	2/23/99	Drumheller					
	A361	5,874,355	2/23/99	Huang et al.					
	A362	5,876,426	3/2/99	Kume et al.					
	A363	5,876,743	3/2/99	Ibsen et al.					
	A364	5,877,263	3/2/99	Patnaik et al.					
	A365	5,879,713	3/9/99	Roth et al.					
	A366	5,883,011	3/16/99	Lin et al.					
	A367	5,888,533	3/30/99	Dunn					
	A368	5,891,192	4/6/99	Murayama et al.					
	A369	5,893,840	4/13/99	Hull et al.					
	A370	5,893,852	4/13/99	Morales					
	A371	5,895,407	4/20/99	Jayaraman					
	A372	5,897,911	4/27/99	Loeffler					
	A373	5,897,955	4/27/99	Drumheller					
	A374	5,898,178	4/27/99	Bunker					
	A375	5,902,631	5/11/99	Wang et al.					
	A376	5,902,875	5/11/99	Roby et al.					
	A377	5,905,168	5/18/99	Dos Santos et al.					

18	A378	5,906,759	5/25/99	Richter				
	A379	5,910,564	6/8/99	Gruning et al.				
	A380	5,914,182	6/22/99	Drumheller				
	A381	5,914,387	6/22/99	Roby et al.				
	A382	5,916,234	6/29/99	Lam				
	A383	5,916,870	6/29/99	Lee et al.				
	A384	5,919,893	7/6/99	Roby et al.				
	A385	5,921,416	7/13/99	Uchara				
	A386	5,922,005	7/13/99	Richter et al.				
	A387	5,922,393	7/13/99	Jayaraman				
	A388	5,925,552	7/20/99	Keogh et al.				
	A389	5,928,916	7/27/99	Keogh				
	A390	5,932,299	8/3/99	Katoot				
	A391	5,935,135	8/10/99	Bramfitt et al.				
	A392	5,942,209	8/24/99	Leavitt et al.				
	A393	5,947,993	9/7/99	Morales				
	A394	5,948,018	9/7/99	Dereume et al.				
	A395	5,948,428	9/7/99	Lee et al.				
	A396	5,951,881	9/14/99	Rogers et al.				
	A397	5,954,744	9/21/99	Phan et al.				
	A398	5,957,975	9/28/99	Lafont et al.				
	A399	5,958,385	9/28/99	Tondeur et al.				
	A400	5,962,138	10/5/99	Kolluri et al.				
	A401	5,965,720	10/12/99	Gryaznov et al.				
	A402	5,968,091	10/19/99	Pinchuk et al.				
	A403	5,968,092	10/19/99	Buscemi et al.				
	A404	5,969,422	10/19/99	Ting et al.				
	A405	5,972,027	10/26/99	Johnson				
	A406	5,972,029	10/26/99	Fuisz				
	A407	5,976,155	11/2/99	Foreman et al.				
	A408	5,976,182	11/2/99	Cox				
✓	A409	5,980,564	11/9/99	Stinson	✓	✓	✓	

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✓	A410	5,981,568	11/9/99	Kunz et al.					
	A411	5,984,449	11/16/99	Tajika et al.					
	A412	5,986,169	11/16/99	Gjunter					
	A413	5,997,468	12/7/99	Wolff et al.					
	A414	6,010,445	1/4/00	Armini et al.					
	A415	6,010,573	1/4/00	Bowlin					
	A416	6,011,125	1/4/00	Lohmeijer et al.					
	A417	6,013,099	1/11/00	Dinh et al.					
	A418	6,019,789	2/1/00	Dinh et al.					
	A419	6,024,918	2/15/00	Hendriks et al.					
	A420	6,027,510	2/22/00	Alt					
	A421	6,027,526	2/22/00	Limon et al.					
	A422	6,030,371	2/29/00	Pursley					
	A423	6,033,719	3/7/00	Keogh					
	A424	6,034,204	3/7/00	Mohr et al.					
	A425	6,042,606	3/28/00	Frantzen					
	A426	6,045,899	4/4/00	Wang et al.					
	A427	6,048,964	4/11/00	Lee et al.					
	A428	6,051,021	4/18/00	Frid					
	A429	6,054,553	4/25/00	Groth et al.					
	A430	6,056,906	5/2/00	Werneth et al.					
	A431	6,059,752	5/9/00	Segal					
	A432	6,059,810	5/9/00	Brown et al.					
	A433	6,063,092	5/16/00	Shin					
	A434	6,066,156	5/23/00	Yan					
	A435	6,071,266	6/6/00	Kelley					
	A436	6,071,305	6/6/00	Brown et al.					
	A437	6,074,659	6/13/00	Kunz et al.					
	A438	6,080,099	6/27/00	Slater et al.					
	A439	6,080,177	6/27/00	Igaki et al.					
	A440	6,080,190	6/27/00	Schwartz					
✓	A441	6,083,258	7/4/00	Yadav	✓	✓	✓	✓	✓

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✓	A442	6,086,610	7/11/00	Duerig et al.					
	A443	6,090,330	7/18/00	Gawa et al.					
	A444	6,093,199	6/25/00	Brown et al.					
	A445	6,093,463	7/25/00	Thakrar					
	A446	6,096,525	8/1/00	Patnaik					
	A447	6,099,455	8/8/00	Columbo et al.					
	A448	6,099,559	8/8/00	Nolting					
	A449	6,099,561	8/8/00	Alt					
	A450	6,103,230	8/15/00	Billiar et al.					
	A451	6,106,454	8/22/00	Berg et al.					
	A452	6,106,530	8/22/00	Harada					
	A453	6,106,889	8/22/00	Beavers et al.					
	A454	6,107,416	8/22/00	Patnaik et al.					
	A455	6,110,180	8/29/00	Foreman et al.					
	A456	6,117,479	9/12/00	Hogan et al.					
	A457	6,117,979	9/12/00	Hendriks et al.					
	A458	6,120,477	9/19/00	Campbell et al.					
	A459	6,120,491	9/19/00	Kohn et al.					
	A460	6,120,535	9/19/00	McDonald et al.					
	A461	6,120,788	9/19/00	Barrows					
	A462	6,120,847	9/19/00	Yang et al.					
	A463	6,123,712	9/26/00	Di Caprio et al.					
	A464	6,125,523	10/3/00	Brown et al.					
	A465	6,126,686	10/3/00	Badylak et al.					
	A466	6,127,173	10/3/00	Eckstein et al.					
	A467	6,129,928	10/10/00	Sarangapani et al.					
	A468	6,132,809	10/17/00	Hynes et al.					
	A469	6,136,333	10/24/00	Cohn et al.					
	A470	6,140,127	10/31/00	Sprague					
	A471	6,140,431	10/31/00	Kinker et al.					
	A472	6,143,354	11/7/00	Koulik et al.					
✓	A473	6,143,370	11/7/00	Panagiotou et al.	✓	✓	✓	✓	✓

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✓	A474	6,149,574	11/21/00	Trauthen et al.					
	A475	6,150,630	11/21/00	Perry et al.					
	A476	6,156,373	12/5/00	Zhong et al.					
	A477	6,159,227	12/12/00	Di Caprio et al.					
	A478	6,159,229	12/12/00	Jendersee et al.					
	A479	6,159,951	12/12/00	Karpeisky et al.					
	A480	6,159,978	12/12/00	Myers et al.					
	A481	6,160,084	12/12/00	Langer et al.					
	A482	6,166,130	12/26/00	Rhee et al.					
	A483	6,168,617	1/2/01	Blaeser et al.					
	A484	6,168,619	1/2/01	Dinh et al.					
	A485	6,169,170	1/2/01	Gryaznov et al.					
	A486	6,171,609	1/9/01	Kunz					
	A487	6,172,167	1/9/01	Stapert et al.					
	A488	6,174,316	1/16/01	Tuckey et al.					
	A489	6,174,330	1/16/01	Stinson					
	A490	6,177,523	1/23/01	Reich et al.					
	A491	6,180,632	1/30/01	Myers et al.					
	A492	6,183,505	2/6/01	Mohn, Jr. et al.					
	A493	6,187,045	2/13/01	Fehring et al.					
	A494	6,193,727	2/27/01	Foreman et al.					
	A495	6,209,621	4/3/01	Treacy					
	A496	6,210,715	4/3/01	Starling et al.					
	A497	6,211,249	4/3/01	Cohn et al.					
	A498	6,214,115	4/10/01	Taylor et al.					
	A499	6,214,407	4/10/01	Laube et al.					
	A500	6,214,901	4/10/01	Chudzik et al.					
	A501	6,217,586	4/17/01	Mackenzie					
	A502	6,217,721	4/17/01	Xu et al.					
	A503	6,224,626	5/1/01	Steinke					
	A504	6,224,675	5/1/01	Prentice et al.					
✓	A505	6,224,894	5/1/01	Jamiolkowski et al.	✓	✓		✓	

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✓	A506	6,227,110	8/21/01	Morales					
	A507	6,228,845	5/8/01	Donovan et al.					
	A508	6,231,590	5/15/01	Slaikeu et al.					
	A509	6,242,041	6/5/01	Katoot et al.					
	A510	6,245,076	6/12/01	Yan					
	A511	6,245,099	6/12/01	Edwin et al.					
	A512	6,245,103	6/12/01	Stinson					
	A513	6,245,760	6/12/01	He et al.					
	A514	6,248,129	6/19/01	Froix					
	A515	6,248,344	6/19/01	Ylanen et al.					
	A516	6,251,135	6/26/01	Stinson et al.					
	A517	6,251,142	6/26/01	Bernacca et al.					
	A518	6,253,443	7/3/01	Johnson					
	A519	6,258,099	7/10/01	Mareiro et al.					
	A520	6,258,371	7/10/01	Koulik et al.					
	A521	6,262,034	7/17/01	Mathiowitz et al.					
	A522	6,270,788	8/7/01	Koulik et al.					
	A523	6,273,850	8/14/01	Gambale					
	A524	6,273,913	8/14/01	Wright et al.					
	A525	6,277,110	8/21/01	Morales					
	A526	6,277,449	8/21/01	Kolluri et al.					
	A527	6,279,368	8/28/01	Escano et al.					
	A528	6,281,262	8/28/01	Shikinami					
	A529	6,284,333	9/4/01	Wang et al.					
	A530	6,287,332	9/11/01	Bolz et al.					
	A531	6,290,721	9/18/01	Heath					
	A532	6,293,966	9/25/01	Frantzen					
	A533	6,294,836	9/25/01	Paranjpe et al.					
	A534	6,296,603	10/2/01	Turnlund et al.					
	A535	6,303,901	10/16/01	Perry et al.					
	A536	6,312,459	11/6/01	Huang et al.					
✓	A537	6,319,520	11/20/01	Wuthrich et al.	✓	✓	✓	✓	✓

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182	A538	6,322,588	11/27/01	Ogle et al.					
	A539	6,322,847	11/27/01	Zhong et al.					
	A540	6,327,772	12/11/01	Zadno-Azizi et al.					
	A541	6,344,035	2/5/02	Chudzik et al.					
	A542	6,362,099	3/16/02	Gandikota et al.					
	A543	6,364,903	4/2/02	Tseng et al.					
	A544	6,375,458	4/23/02	Moorlegghem et al.					
	A545	6,375,826	4/23/02	Wang et al.					
	A546	6,379,379	4/30/02	Wang					
	A547	6,387,118	5/14/02	Hanson					
	A548	6,387,121	5/14/02	Alt					
	A549	6,387,379	5/14/02	Goldberg et al.					
	A550	6,388,043	5/14/02	Langer et al.					
	A551	6,395,325	5/28/02	Hedge et al.					
	A552	6,406,738	6/18/02	Hogan et al.					
	A553	6,409,761	6/25/02	Jang					
	A554	6,413,272	7/2/02	Igaki					
	A555	6,420,189	7/16/02	Lopatin					
	A556	6,423,092	7/23/02	Datta et al.					
	A557	6,436,816	8/20/02	Lee et al.					
	A558	6,444,567	9/3/02	Besser et al.					
	A559	6,447,835	9/10/02	Wang et al.					
	A560	6,454,738	9/24/02	Tran et al.					
	A561	6,455,424	9/24/02	McTeer et al.					
	A562	6,461,632	10/8/02	Gogolewski					
	A563	6,462,284	10/8/02	Hashimoto					
	A564	6,464,720	10/15/02	Boatman et al.					
	A565	6,468,906	10/22/02	Chan et al.					
	A566	6,479,565	11/12/02	Stanley					
	A567	6,481,262	11/19/02	Ching et al.					
	A568	6,482,834	11/19/02	Spada et al.					
✓	A569	6,485,512	11/26/02	Cheng	✓	✓		✓	

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82	A570	6,488,701	12/3/02	Nolting et al.					
	A571	6,488,773	12/3/02	Ehrhardt et al.					
	A572	6,491,666	12/10/02	Santini Jr. et al.					
	A573	6,492,615	12/10/02	Flanagan					
	A574	6,494,908	12/17/02	Huxel et al.					
	A575	6,495,156	12/17/02	Wenz et al.					
	A576	6,495,200	12/17/02	Chan et al.					
	A577	6,503,538	1/7/03	Chu et al.					
	A578	6,504,307	1/7/03	Malik et al.					
	A579	6,510,722	1/28/03	Ching et al.					
	A580	6,511,748	1/28/03	Barrows					
	A581	6,517,888	2/11/03	Weber					
	A582	6,517,889	2/11/03	Jayaraman					
	A583	6,521,284	2/18/03	Parsons et al.					
	A584	6,524,232	2/25/03	Tang et al.					
	A585	6,524,347	2/25/03	Myers et al.					
	A586	6,528,526	3/4/03	Myers et al.					
	A587	6,530,950	3/11/03	Alvarado et al.					
	A588	6,530,951	3/11/03	Bates et al.					
	A589	6,537,589	3/25/03	Chae et al.					
	A590	6,539,607	4/1/03	Fehring et al.					
	A591	6,540,777	4/1/03	Stenzel					
	A592	6,554,758	4/29/03	Turnlund et al.					
	A593	6,554,854	4/29/03	Flanagan					
	A594	6,555,059	4/29/03	Myrick et al.					
	A595	6,562,136	5/13/03	Chappa et al.					
	A596	6,565,599	5/20/03	Hong et al.					
	A597	6,569,191	5/27/03	Hogan					
	A598	6,569,193	5/27/03	Cox et al.					
	A599	6,572,672	6/3/03	Yadav et al.					
	A600	6,574,851	6/10/03	Mirizzi					
✓	A601	6,582,417	6/24/03	Ledesma et al.	✓	✓	✓	✓	✓

83	A602	6,585,755	7/1/03	Jackson et al.				
	A603	6,592,614	7/15/03	Lenker et al.				
	A604	6,592,617	7/15/03	Thompson				
	A605	6,596,296	7/22/03	Nelson et al.				
	A606	6,605,114	8/12/03	Yan et al.				
	A607	6,605,874	8/12/03	Leu et al.				
	A608	6,610,087	8/26/03	Zarbatany et al.				
	A609	6,613,072	9/2/03	Lau et al.				
	A610	6,616,765	9/9/03	Hossaony et al.				
	A611	6,623,448	9/23/03	Slater				
	A612	6,625,486	9/23/03	Lundkvist et al.				
	A613	6,626,939	9/30/03	Burnside et al.				
	A614	6,635,269	10/21/03	Jennissen				
	A615	6,635,964	10/21/03	Maex et al.				
	A616	6,645,135	11/11/03	Bhat				
	A617	6,645,195	11/11/03	Bhat et al.				
	A618	6,645,243	11/11/03	Vallana et al.				
	A619	6,645,547	11/11/03	Shekalim et al.				
	A620	6,656,162	12/2/03	Santini, Jr. et al.				
	A621	6,656,216	12/2/03	Hossainy et al.				
	A622	6,656,506	12/2/03	Wu et al.				
	A623	6,660,034	12/9/03	Mandrusov et al.				
	A624	6,663,662	12/16/03	Pacetti et al.				
	A625	6,663,880	12/16/03	Roorda et al.				
	A626	6,664,187	12/16/03	Ngo et al.				
	A627	6,664,335	12/16/03	Krishnan				
	A628	6,666,214	12/23/03	Canham				
	A629	6,666,880	12/23/03	Chiu et al.				
	A630	6,667,049	12/23/03	Janas et al.				
	A631	6,669,723	12/30/03	Killion et al.				
✓	A632	6,669,980	12/30/03	Hansen	✓	✓	✓	✓

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8	A633	6,673,154	1/6/04	Pacetti et al.					
	A634	6,673,385	1/6/04	Ding et al.					
	A635	6,676,697	1/13/04	Richter					
	A636	6,676,700	1/13/04	Jacobs et al.					
	A637	6,679,980	1/20/04	Andreacchi					
	A638	6,689,099	2/10/04	Mirzaee					
	A639	6,689,375	2/10/04	Wahlig et al.					
	A640	6,695,920	2/24/04	Pacetti et al.					
	A641	6,703,307	3/9/04	Lopatin et al.					
	A642	6,706,013	3/16/04	Bhat et al.					
	A643	6,706,273	3/16/04	Roessler					
	A644	6,709,379	3/23/04	Brandau et al.					
	A645	6,709,514	3/23/04	Hossainy					
	A646	6,712,845	3/30/04	Hossainy					
	A647	6,713,119	3/30/04	Hossainy et al.					
	A648	6,716,444	4/6/04	Castro et al.					
	A649	6,719,934	4/13/04	Stinson					
	A650	6,719,989	4/13/04	Matsushima et al.					
	A651	6,720,402	4/13/04	Langer et al.					
	A652	6,723,120	4/20/04	Yan					
	A653	6,733,768	5/11/04	Hossainy et al.					
	A654	6,740,040	5/25/04	Mandrusov et al.					
	A655	6,743,462	6/1/04	Pacetti					
	A656	6,746,773	6/8/04	Llanos et al.					
	A657	6,749,626	6/15/04	Bhat et al.					
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